



**FORESTERRA**

Enhancing Forest RESearch in the MediTERRanean  
through improved coordination and integration



# Sylvo-Pastoral Institute of Tabarka

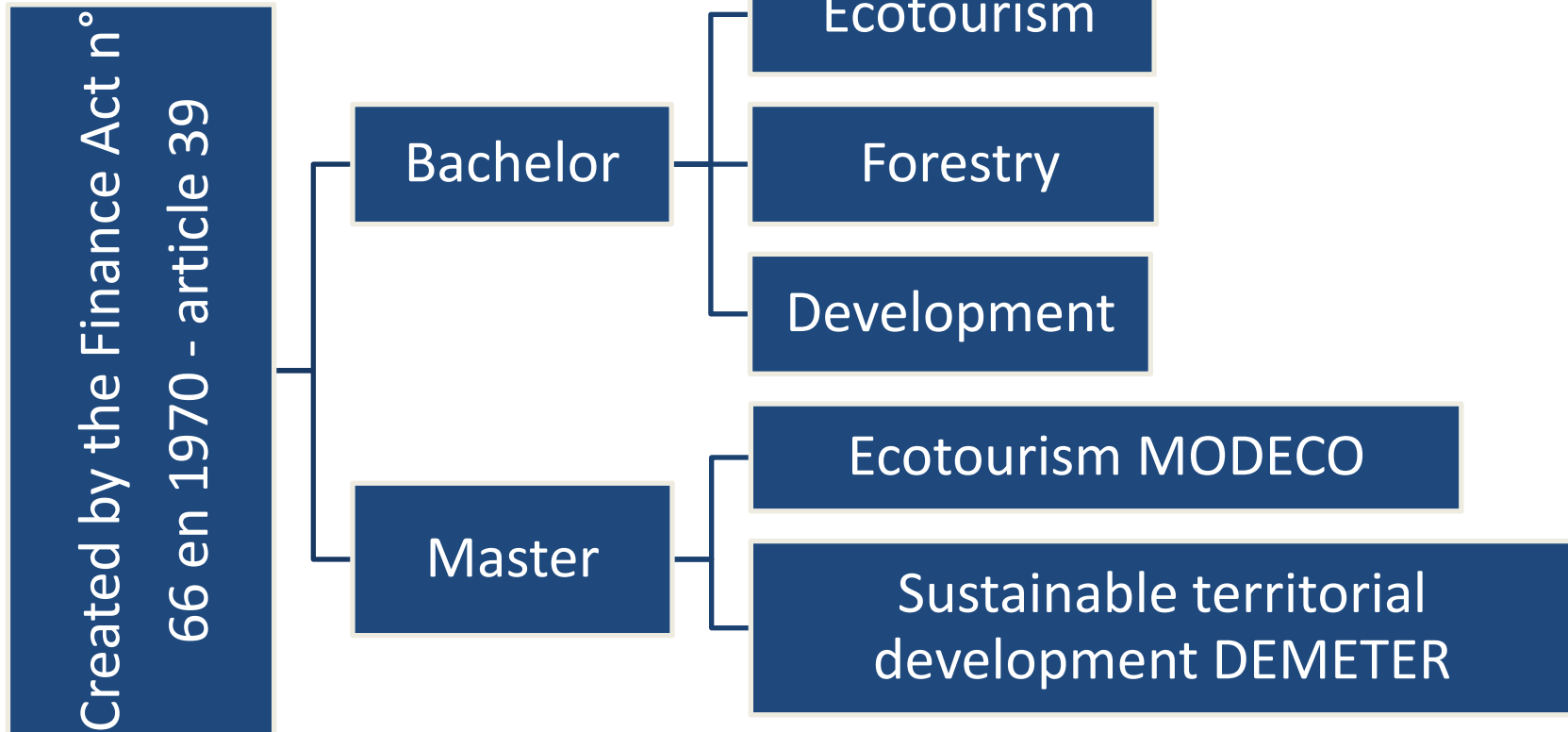
**Pr. Brahim Hasnaoui**  
**Laboratory Director**

*hasnaouib\_1952@yahoo.fr*



Research Laboratory on sylvopastoral resources of Tabarka

## Some facts about ISPT





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Laboratoire de Recherches  
Ressources Sylvo-Pastorales LR02AGRO4  
مفبر البحوث في الموارد الغابسية و الرعوية

## Some facts about LRSP

Established  
2002

Order of  
establishment  
2005

Assessment  
2006

Renewal  
2007

Assessment  
2011

Renewal  
2012

## Organisation charts

2 Professors

3 Associated professors

8 Assistant Master

5 Assistants

1 Veterinary

5 Ingeneers

5 Senior  
technicians



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## Priority Research areas



Improved knowledge of ecosystems forest's functioning including oak and pine forests.



Study of the ecosystems dynamics and prediction test of the future relationship with environmental factors (climatic and anthropogenic ones)



Forest's ecosystems Protection through the knowledge of the degradation factors.



Natural resources Development by forage production, ecotourism, timber, non-timber products, etc..



Improving technical reforestation , silviculture, ...



Safeguarding biodiversity of natural ecosystems by clearing endangered species and providing backup solutions.



Decision-makers training and awareness about importance of resources rational use



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## Scientific productions

### Papers :

- International: 41
- National papers: 83

### Supervised researches

- Graduated : 13 PhD + 22 Master degree
- Ongoing : 12 PhD + 23 masters
- 3 HDR

### E-Books 2



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Ressources Sylvo-Pastorales LRO2AGR04  
مفبر الابوآ صبي الوارد الفايآ و الرعوآ  
مفبر الفايآآ و المرعي بظبرقآ

## Available infrastructure

### Geographic area

first research laboratory of the University

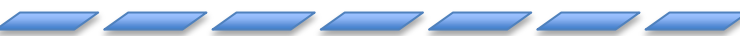
### Phd Coencadrement

6 PhD

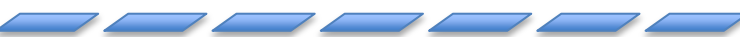
### Fundemental and applied research

Ecosystem dynamics  
Resources Development

### Trainings



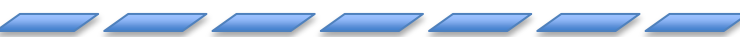
### Missions



### Databases

More than 500 books  
Online revues

### Researchers mobilities



- <http://www.sciencedirect.com/>
- <http://www.oxfordjournals.org/>
- <http://search.ebscohost.com/>



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## Available infrastructure

### Laboratory Equipment

Water distiller 8L/H

Refrigerated benchtop centrifuge

Thermocycler

Robinson Pipette

Gel Doc

Streaming Binder

TOC : Total Organic Carbon Analyser

Dendrometer Blum Leiss

vertical laminar flow hood

Mixing chamber for flame photometer

Microscope with camera

GPS cross browser

A 6 posts Bloc Digest »

Spectrometer Vis

Flame Spectrophotometer

Culture chamber

Ionmeter

Electrophoresis generator

Refrigerated centrifuge

Polaroid camera

...



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مختبر البحوث في الموارد الغابية و الرعي

## Transnational collaboration

### Laboratory access : agreements

#### Signed

Arizona University

Huelva university

Torino university

CRF Catalogna

ENFI Morocco

Saint Christophe France

ESA Kef

ESIER Medjez EL Bab

#### Ongoing

INRGREF

DGF

INAT

IRA Médenine

INH Antananarivo  
(Madagascar)

Andorra university

UOC Spain

ISTHIA Foix

#### Tempus 2012

**DEMETER: 530578-**  
tempus-1-2012-1-fr-  
tempus-  
DEMETER

**530264-tempus-1-**  
**2012-1-fr-tempus-**  
**JPCR. (ARF)-**  
Biotechnology,  
security and  
phytoproducts  
development

#### Tempus 2013

**AGROTEM:** Agroforestry:  
from research to  
education.

**FirEd:** E-learning tools for  
lifelong learning in wildland  
fire science and  
management for higher  
education

**DEEPEN :** Using  
demonstrative experiences  
for enhancing the  
knowledge transfer on non-  
wood forest products  
among education, research  
and innovation.





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## Partners

### International

AUF

ENFI, Morocco

Paris Sud University, France

La Rabida University, Spain

Agro-industrial chemistry  
laboratory, Toulouse, France

INRA Nancy, France

### National

INAT

INRGREF

ISA C. Mariem

ESA Mateur

ESA KEF

ESIER

ESAM

Fac. Sci. Tunis

Fac. Sc. Bizerte

INM



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## Networks

# Networks

Réseau EFIMED

Centre International des montagnes du Sud CIMES

Take The Med

AUF

Alumni Association of the ISPT



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## Outputs

# Outputs

Papers

PhD and masters degrees

Elearning

MOOC

Symposia : CIRSI1, ADECL 2009, ...

## No Drawbacks without solutions



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**Thank You**